

Multiple Alignment:

30664188.099	1	MHR L I F V Y T L I C A N F C S C R D T S A T P Q S A S I K A L R N A N L E R D E S N H L T D L Y R R D E T I Q W K G	60
VEGF-E	1	- - M S F G L L L T S A L A G Q R Q G T Q A E S N L S S K F Q F S S N K - - - E Q N G V Q D P Q - H E R I I T V S T	54
30664188.099	61	N G Y V Q S P R F F N S Y P R N L L I T W R L H S - Q E N T R I Q L V F D N Q F G L E E A E N D I C R Y D F V E V E D I	119
VEGF-E	55	N G S I H S P R F P H T Y P R N T V L V W R L V A E E N V W I Q L T F D E R F G L E D P E D D I C K Y D F V E V E E P	114
30664188.099	120	S E T S T I I R 3 R W C G H K E V P P R I K E R T N Q I K I T F K S D D V F W A K G F K I Y V S L E E D F Q P A A A S	179
VEGF-E	115	S D G - - T I L G R W C G S G T W P G K Q I S K G N Q I R I R F V S D E V F P S E P G F C I H Y N I V M P - - - - -	165
30664188.099	180	E T N W E S V T S S J S G V S Y N S P S V T D P . T L I A D A L D K K I A E F D T V E D L L K Y F N P E S W Q E D L E N	238
VEGF-E	166	- - - - - Q F T E A V S - - - - - P S V L P P S A L P L D L L N N A I T A E S T L E D L I R V L E P E R W Q L D L E D	214
30664188.099	239	M Y L D T P R Y R G P S Y H D - R K S - K V D L D R L N D E A K R V S C T P R N S V N I R E E L K L A N V V F F P R C	296
VEGF-E	215	L V R P I T W Q L L G A F V F R K S R V V D L N L L T E E V R L Y S C T P R N S V S I R E E L K R T D T I F W P G C	274
30664188.099	297	L L V Q R C G G N C G G G T V N W R S C T C N S G K T V K K Y H E V L Q F E P G H I K R R G R A K T M A L V D I Q L D H	356
VEGF-E	275	L L V K R C G G N C A C C L H N C N E E Q E V P S K V T K K Y H E V L Q L R P - - - K T G V R C L H K S L T D V A L E H	331
30664188.099	357	H E R C D C I C S S R P P R (SEQ ID NO:2)	370
VEGF-E	332	H E E C D C V E R G S T G G (SEQ ID NO:28)	345

FIG. 2.

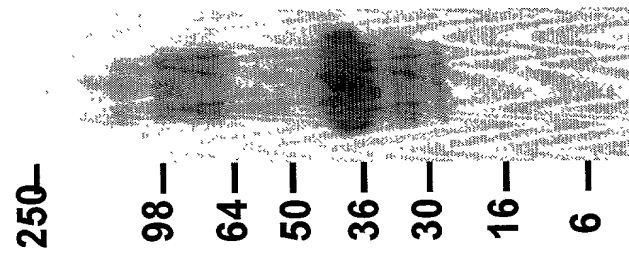


FIG. 3.

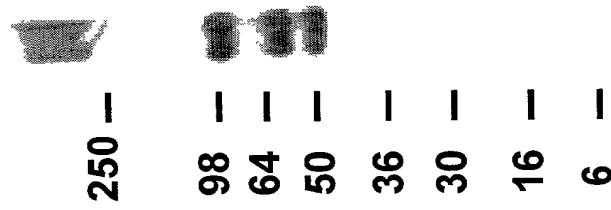


FIG. 4A

IgK 30664188 V5 His



aa 24-370

293 Transfection

Ni Affinity Chromatography

Imidazole Elution

FIG. 4B

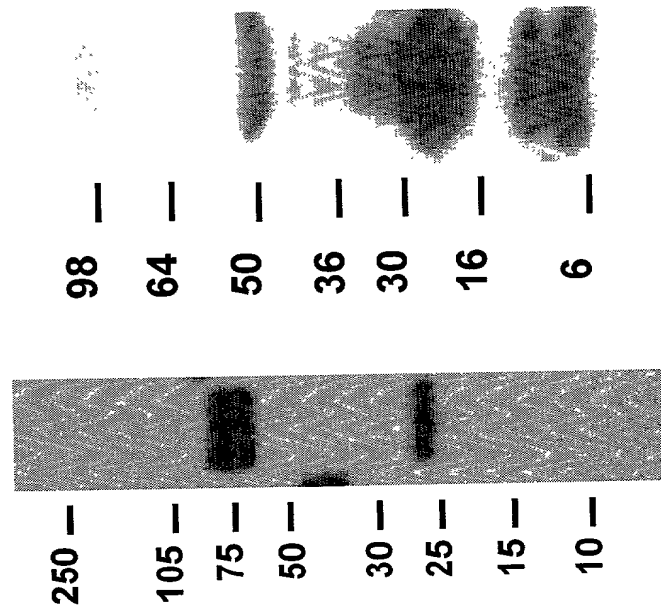


FIG. 5.

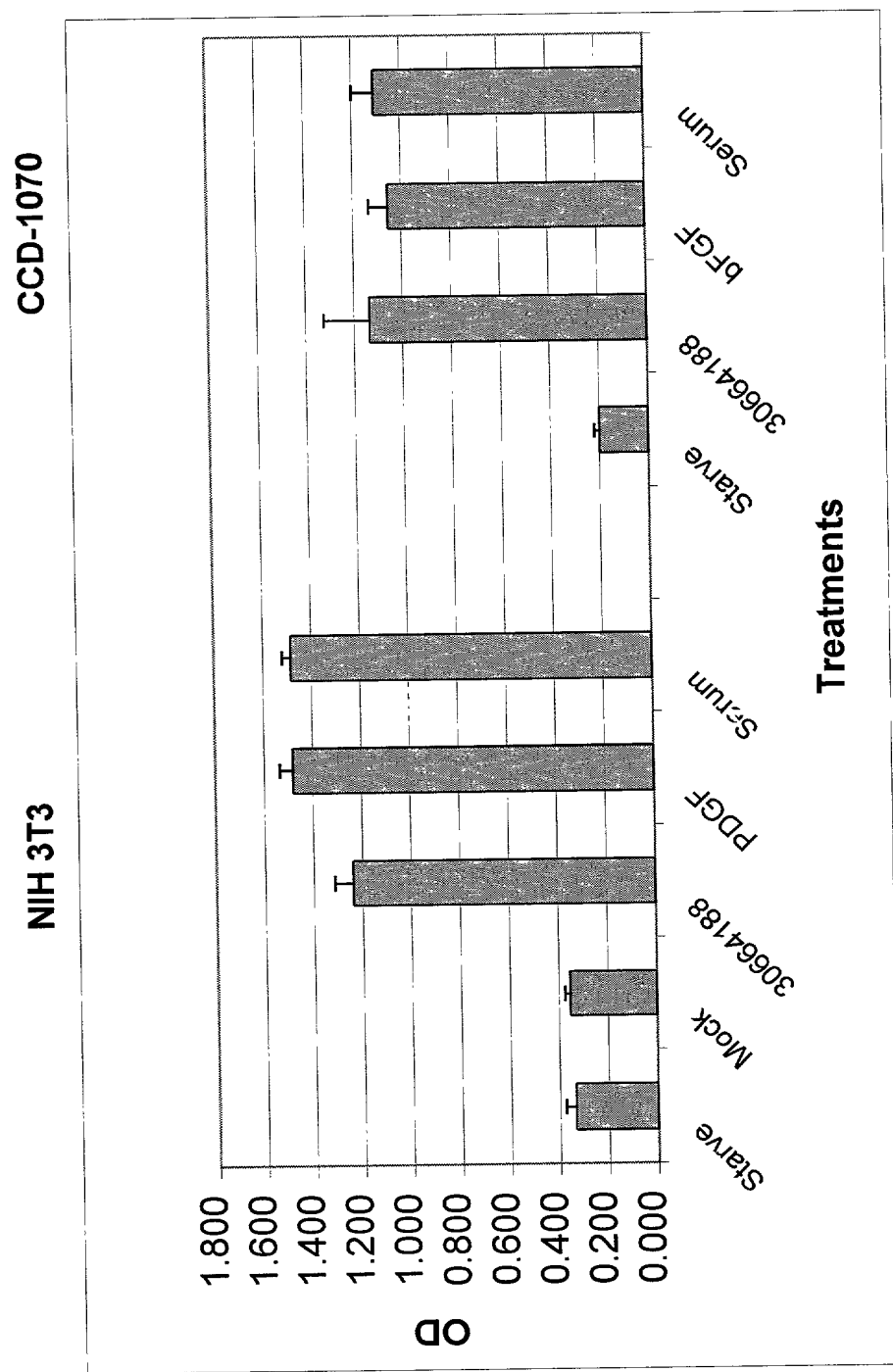


FIG. 6.

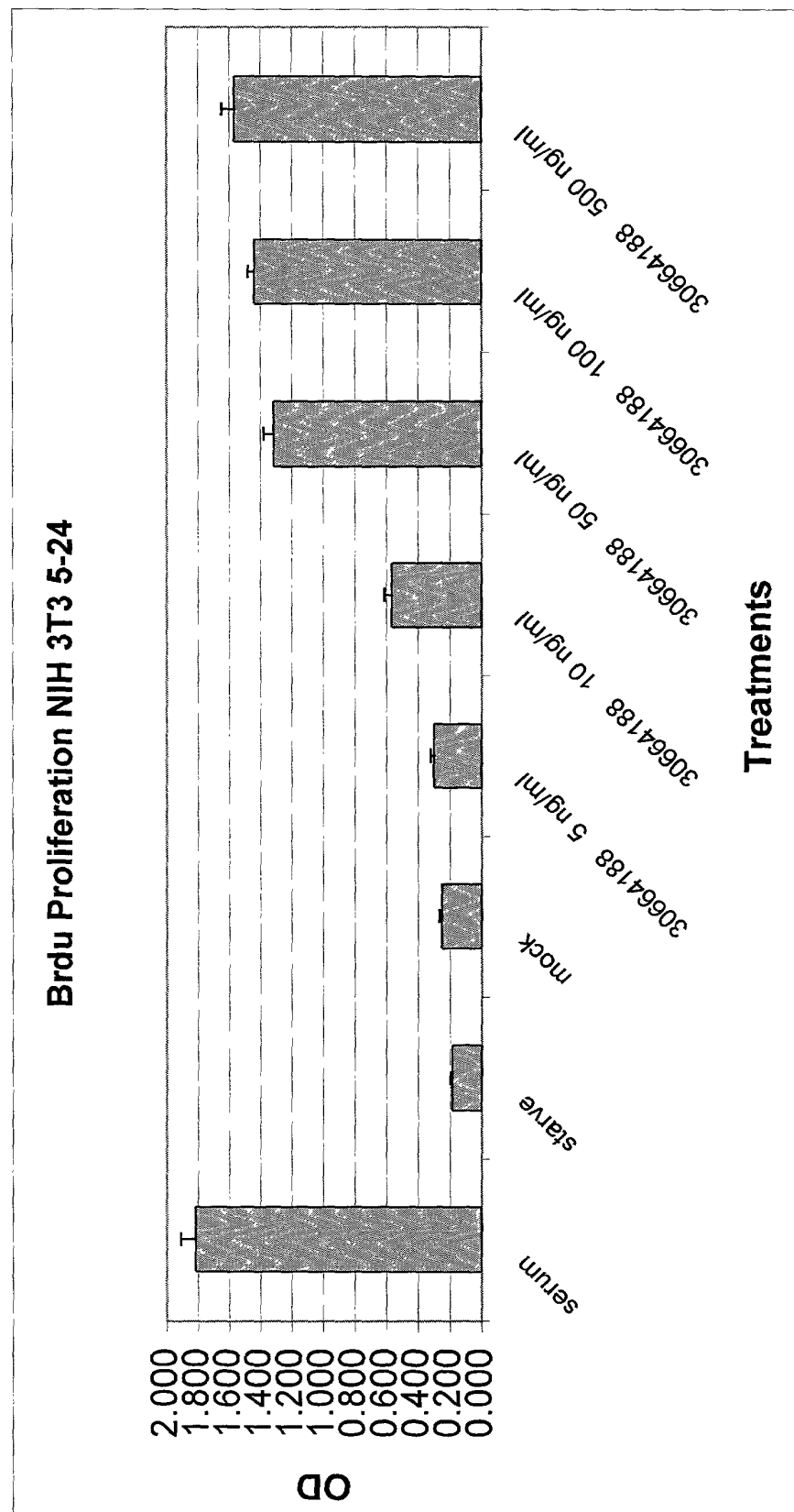


FIG. 7.

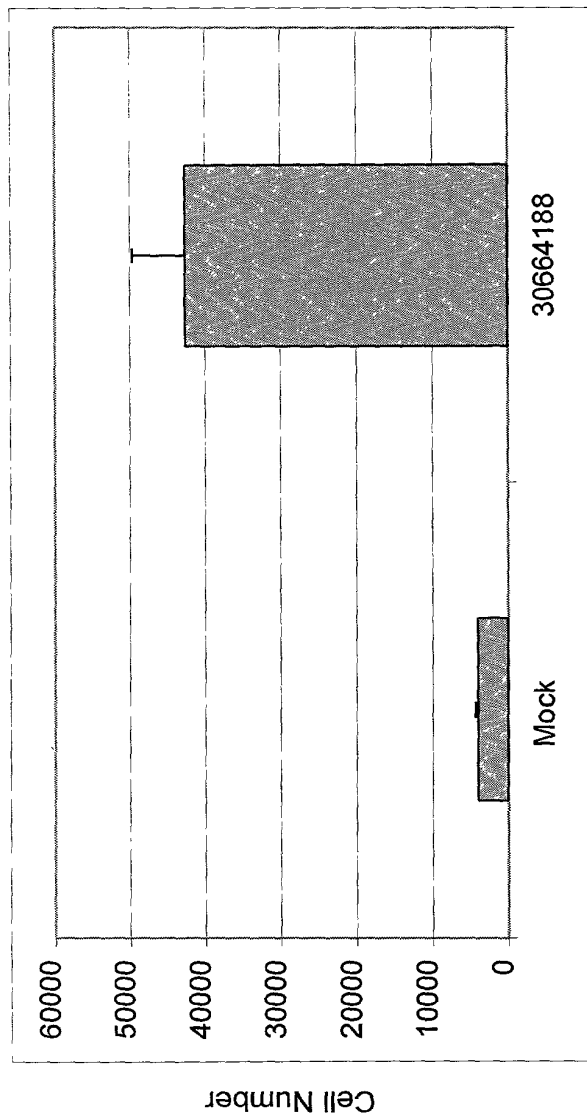
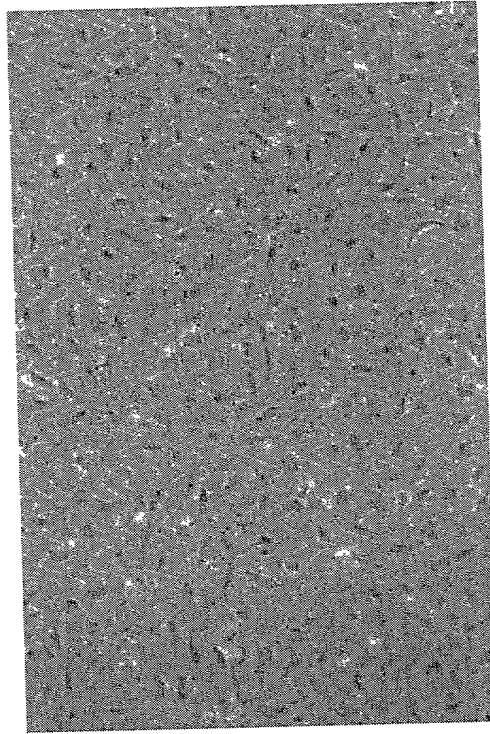


FIG. 8.

pCEP4sec CM



pCEP4sec(30664188) CM

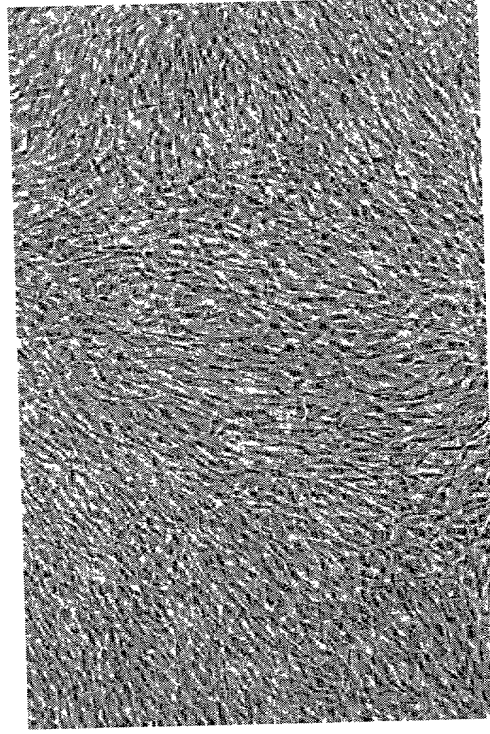


FIG. 9.

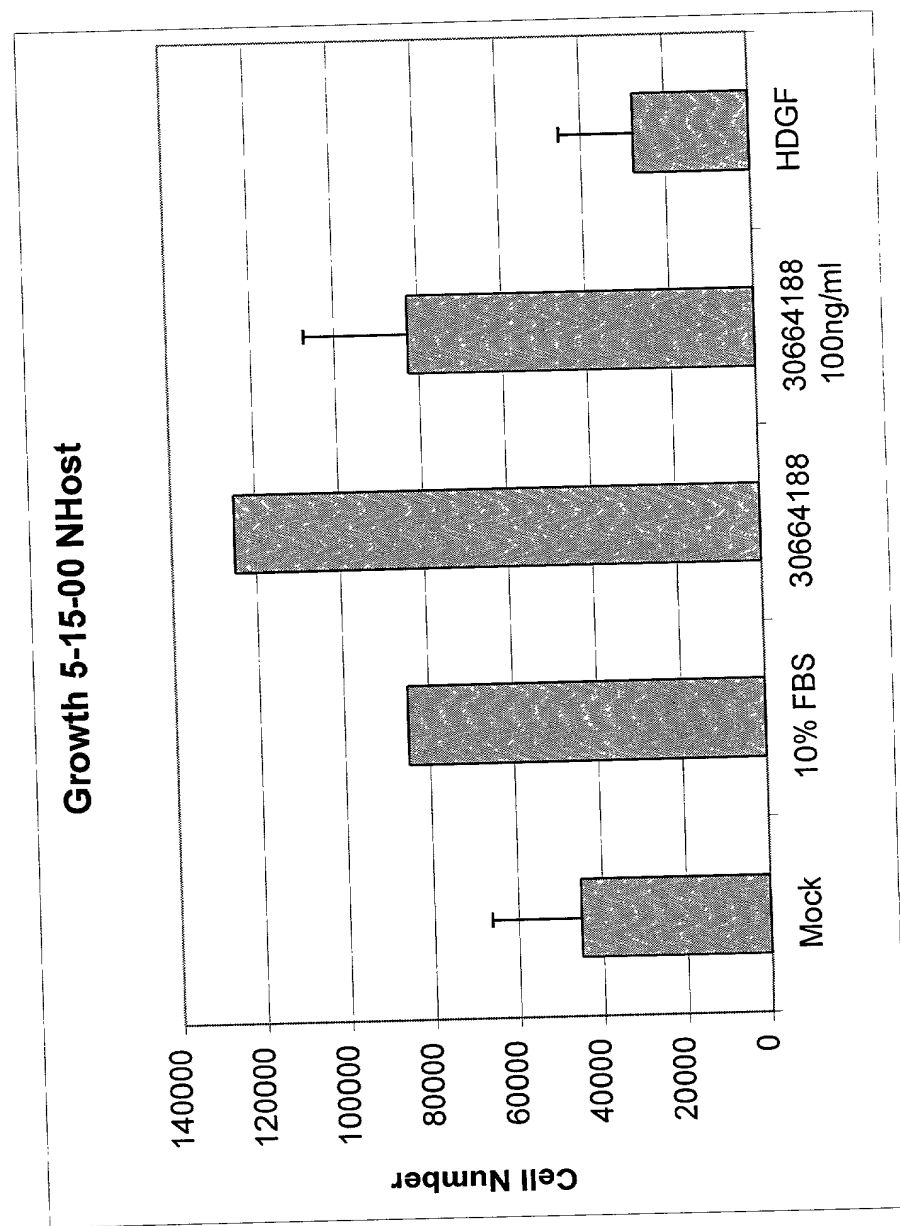


FIG. 10.

FIG. 10A (without serum)

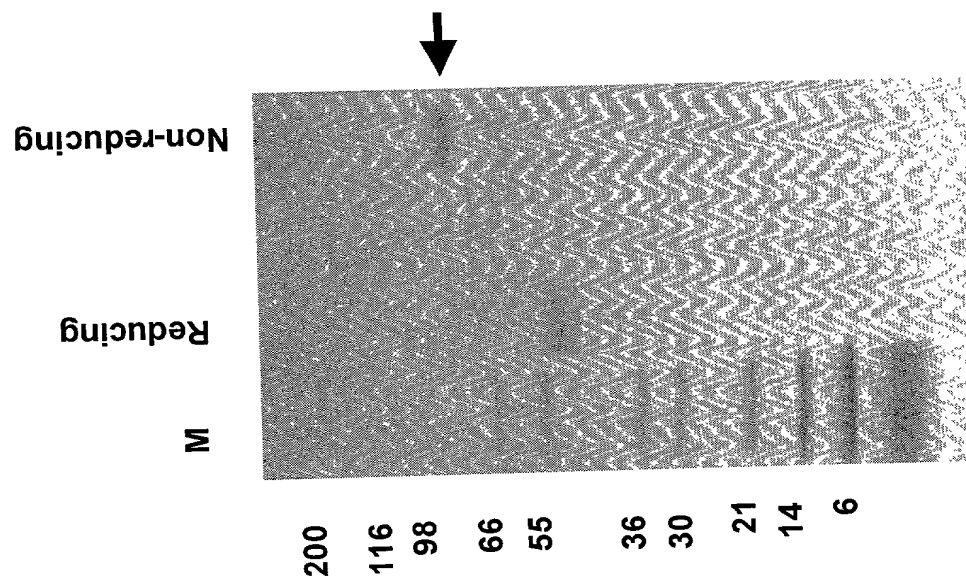


FIG. 10B (with serum)

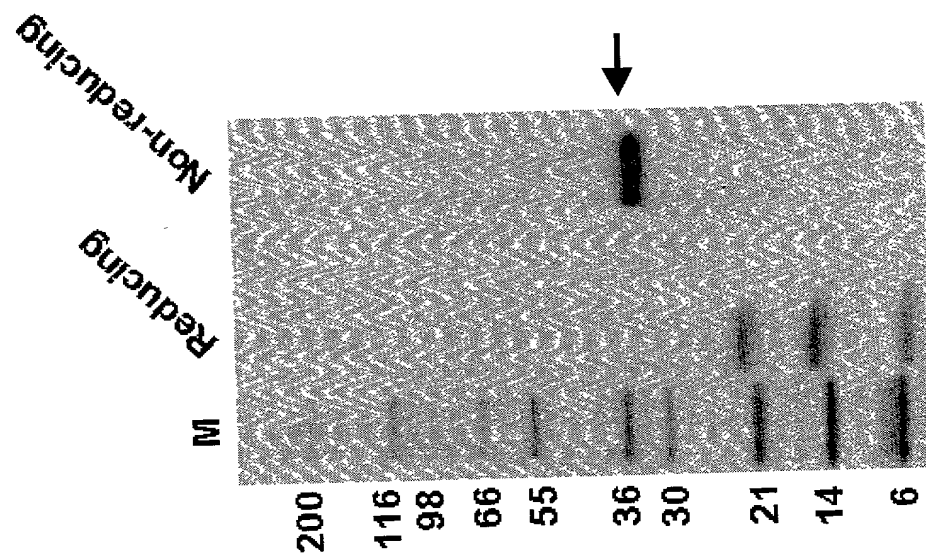


FIG. 11.

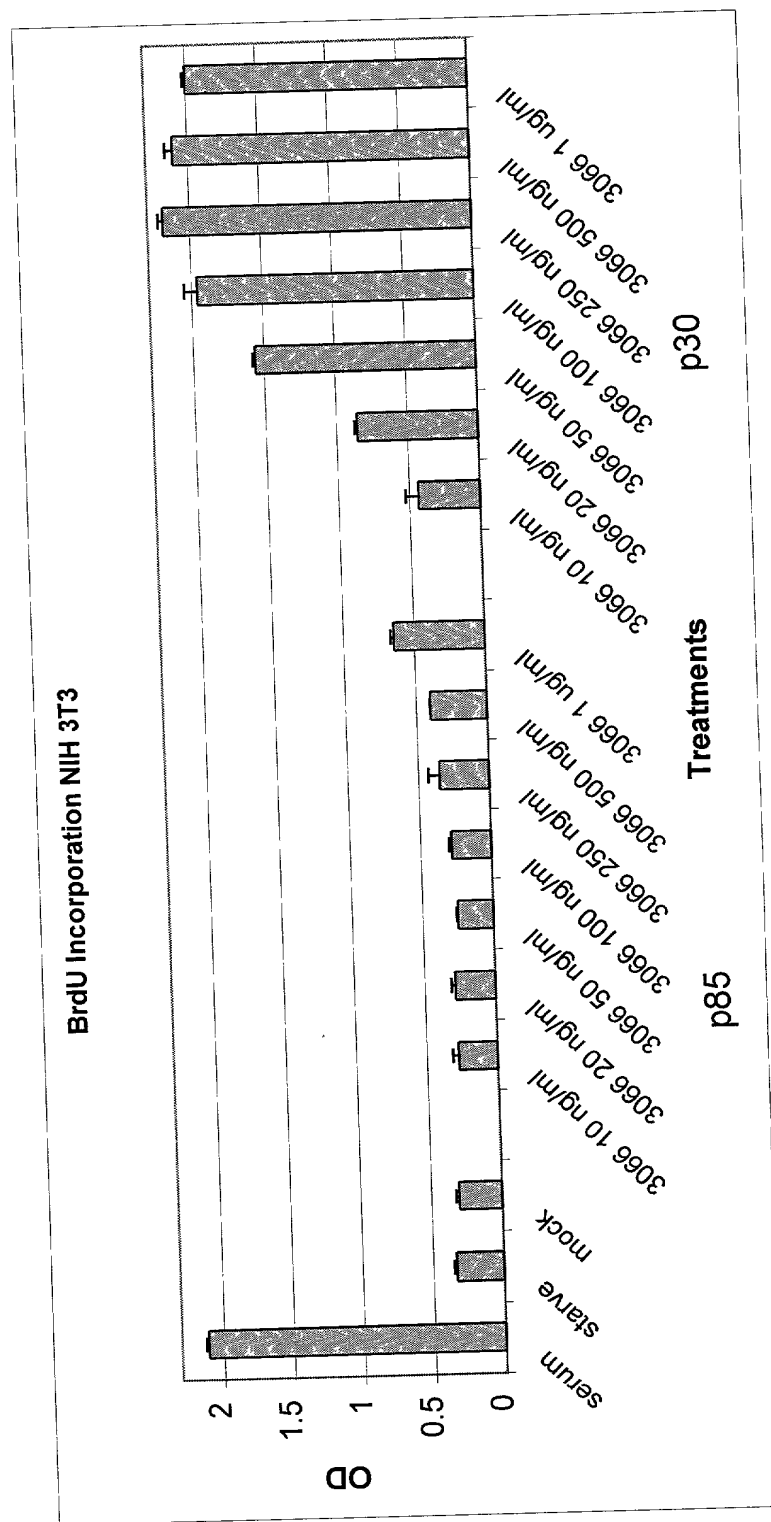


FIG. 12

		*	
hPDGF D	CTPRNYSVNI-REELKLANVVF--FPRCLLVQRGGGNCGGTVNWRSCTC		
mPDGF D	CTPRNHSVNL-REELKLTNAVF--FPRCLLVQRGGGNCGGTVNWKSCTC		
PDGF C	CTPRNFSVSI-REELKRTDTIF--WPGCLLVKRGGNCACCLHNCNECQC		
PDGF B	CKTRTEVFESISRLIDRTNANFLVWPPGVEVQRCSG---CCNNRNVOCRP		
PDGF A	CKTRTVIYEIPRSQVDPTSANFLIWPPGVEVKRCTG---CCNTSSVKCQP		
hPDGF D	NS---GKTVKKYHEVLQFEPGHIKRRGRAKTMALVDIQLDHHERCDC	(SEQ ID NO:15)	
mPDGF D	SS---GKTVKKYHEVLKFEPGHFKRRGKAKNMALVDIQLDHHERCDC	(SEQ ID NO:16)	
PDGF C	VP---SKVTKKYHEVLQLRPKTGVRGLH-KSLTDVA--LEHHEECDC	(SEQ ID NO:17)	
PDGF B	TQVQLRPVQVRKIEIVRKKPIF-----KKAT-VT---LEDHLACKC	(SEQ ID NO:18)	
PDGF A	SRVHHRSVKVAKVEYVRKKPKL-----KEVQ-VR---LEEHLACAC	(SEQ ID NO:19)	

2345678910111213141516171819

FIG. 13





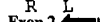

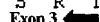

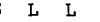



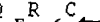

1  Exon 1
 CGCAGGGCGGCGCGCTCGGTCCCGGGAGCAGAACC CGGCTTTTCTTGGAGCGACGCTGTCTCTAGTCGCTGATCCCA
 81  ACCGGCTCATCTTTGTCTACACTCTAATCTGCGCAAACTTTTGCAGCTGTCTGGGACACTTCTGCAACCCCGCAGA
 H H R L I F V Y T L I C A N F C S C R D T S A T P Q S
 161 GCGCATCCATCAAAGCTTTGCGCAACGCCAACCTCAGGCGAGATG  Exon 1  Exon 2
 A S I K A L R N A N L R R D E S N H L T D L Y R R D
 241 GAGACCATCCAGGTGAAAGGAAACGGCTACGTGCAGAGTCTTAGATTCCCGAACAGCTACCCAGGAACCTGCTCCTGAC
 E T I Q V K G N G Y V Q S P R F P N S Y P R N L L L T
 321 ATGGCGGCTTCACTCTCAGGAGAATACACGGATACAGCTAGTGTGTTGACAATCAGTTTGGATTAGAGGAAGCAGAAAAATG
 W R L H S Q E N T R I Q L V F D N Q F G L E E A E N D
 401  Exon 2  Exon 3
 ATATCTGTAGTATGATTTTGTGGAAGTTGAAGATATATCCGAAACCACTACCATTATTAGAGGACGATGTTGTGGACAC
 I C R Y D F V E V E D I S E T S T I I R G R W C G H
 481 AAGGAAGTTCTCCAAAGGATAAAATCAAGAACGAACCAAAATTAATAATCACATTCAAAGTCCGATGACTACTTTGTGGCTAA
 K E V P P R I K S R T N Q I K I T F K S D D Y F V A K
 561  Exon 3  Exon 4
 ACCTGGATTCAAGATTATTATTCTTTGCTG  Exon 4  Exon 5
 P G F K I Y Y S L L E D F Q P A A A S E T N W E S V T
 641 CAAGCTCTATTTCAGGGGTATCCTATAACTCTCCATCAGTAACGGATCCCCTCTGATTGCGGATGCTCTGGACAAAAA
 S S I S G V S Y N S P S V T D P T L I A D A L D K K
 721 ATTGCAGAAATTTGATACAGTGAAGATCTGCTCAAGTACTTCAATCCAGAGTCATGGCAAGAAGATCTTGAGAATATGTA
 I A E F D T V E D L L K Y F N P E S W Q E D L E N M Y
 801  Exon 5  Exon 6
 TCTGGACACCCCTCGGTATCGAGGCAGGTACATACCATGACCGGAAGTCAAAAGTTGACCTGGATAGGCTCAATGATGATG
 L D T P R Y R G R S Y H D R K S K V D L D R L N D D A
 881 CCAAGCGTTACAGTTGCACTCCAGGAATTACTCGGTCAATATAAGAGAAGAGCTGAAGTTGGCCAATGTGGTCTTCTTT
 K R Y S C T P R N Y S V N I R E E L K L A N V V F F
 961 CCACGTTGCCTCCTCGTGCAGCGCTGTGGAGGAAATTGTGGCTGTGGAAGTGTCAACTGGAGGTCTGACATGCAATTC
 P R C L L V Q R C G G N C G C G T V N W R S C T C N S
 1041  Exon 6  Exon 7
 AGGGA AAAACCGTGAAAAAGTATCATGAGTATTACAGTTTGAGCCTGGCCACATCAAGAGGAGGGGTAGAGCTAAGACCA
 G K T V K K Y H E V L Q F E P G H I K R R G R A K T M
 1121 TGGCTCTAGTTGACATCCAGTTGGATCACCATGAACGATGTGATTGTATCTGCAGCTCAAGACCACCTCGATAGAGAAAT
 A L V D I Q L D H H E R C D C I C S S R P P R (SEQ ID NO:20)
 1201 GTGCACATCCTTACATTAAGCCTGAAAAGAACCTTTAGTTTAAAGAGGGTGAGATAAGAGACCCTTTTCTACCAGCAACC
 1281 AAACCTTACTACTAGCCTGCAATGCAATGAACACAAAGTGGTTGCTGAGTCTCAGCCTTGCTTTTGTAAATGCCATGGCAAGT
 1361 AGAAAGGTATATCATCAACTTCTATACCTAAGAATATAGGATTGCATTAAATAATAGTGTGTTGAGGTTATATATGCACAA
 1441 ACACACACAGAAATATATTCTATGTCTATGTGTATATAGATCAAAATGTTTTTTTTTGGTATATATAACCAGGTACACCAGAG
 1521 CTTACATATGTTTGAGTTAGACTCTTAAAAATCCTTTGCCAAAAATAAGGATGGTCAAAATATATGAAACATGTCTTTAGAA
 1601 AATTTAGGAGATAAATTTATTTTTAAATTTTGAACACAAAACAATTTGAATCTTGCTCTCTTAAAGAAAGCATCTTGT
 1681 ATATTA AAAATCAAAAAGATGAGGCTTTCTTACATATACATCTTAGTTG (SEQ ID NO:21)

FIG. 14

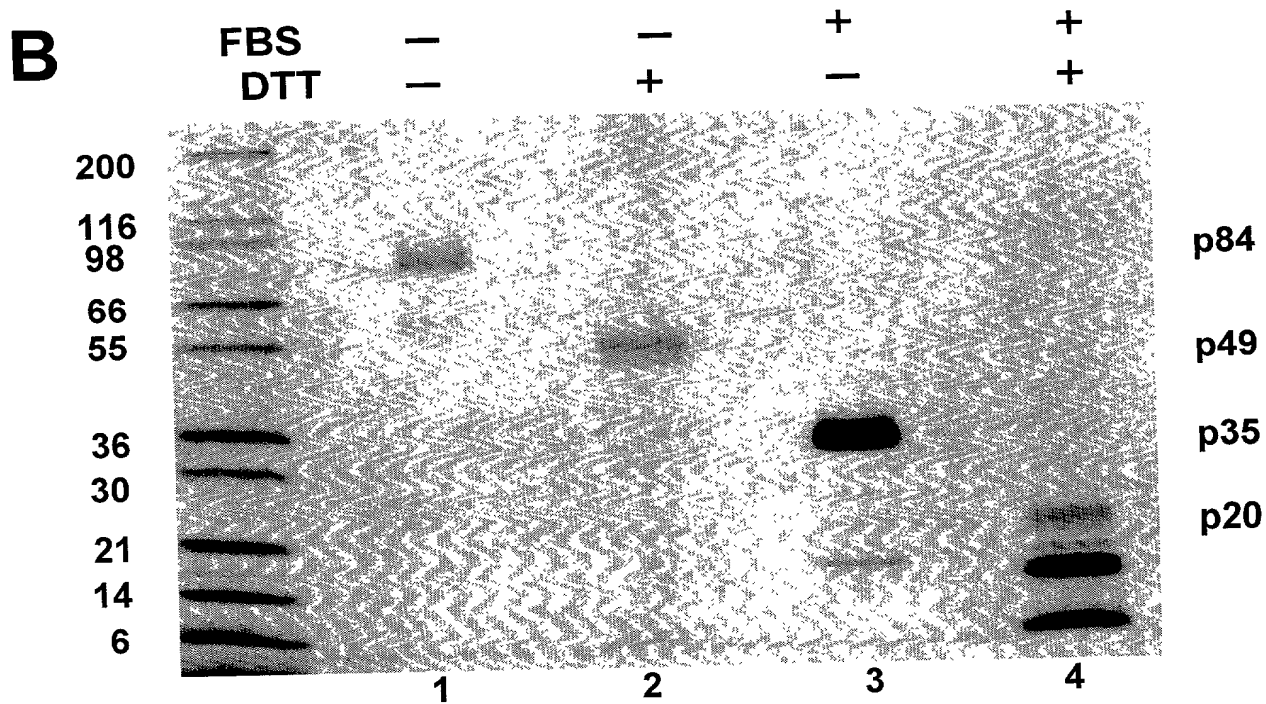
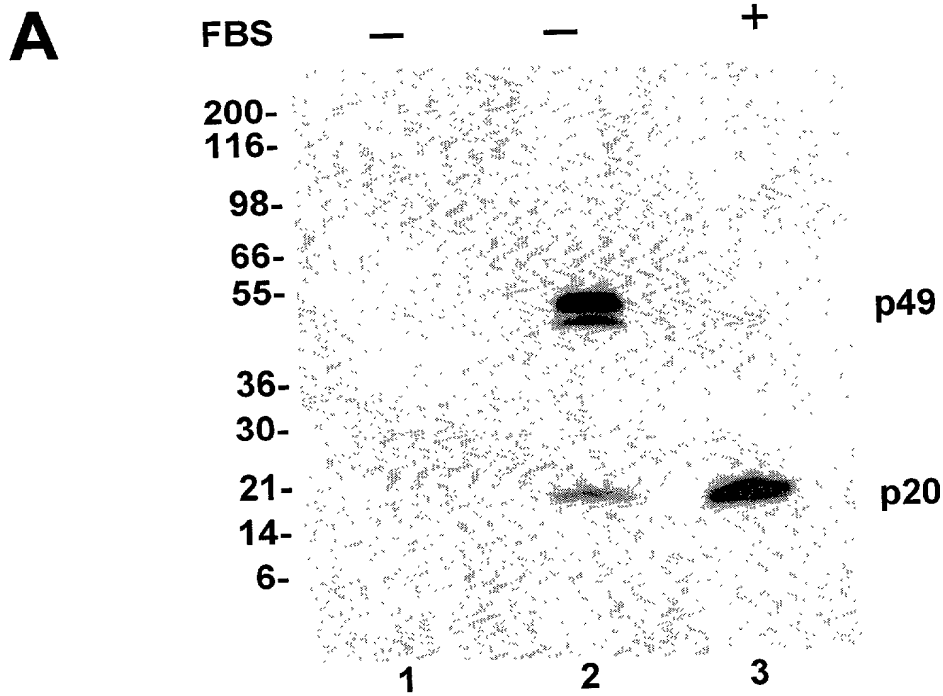


FIG. 15

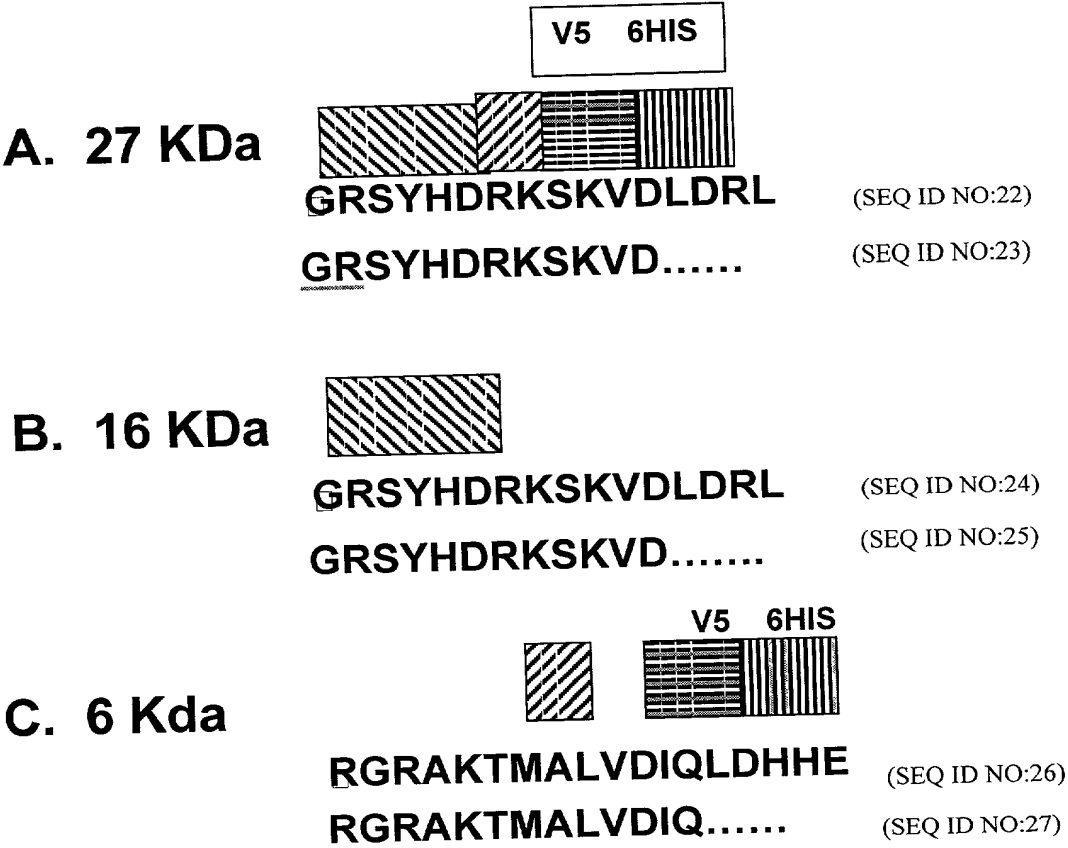
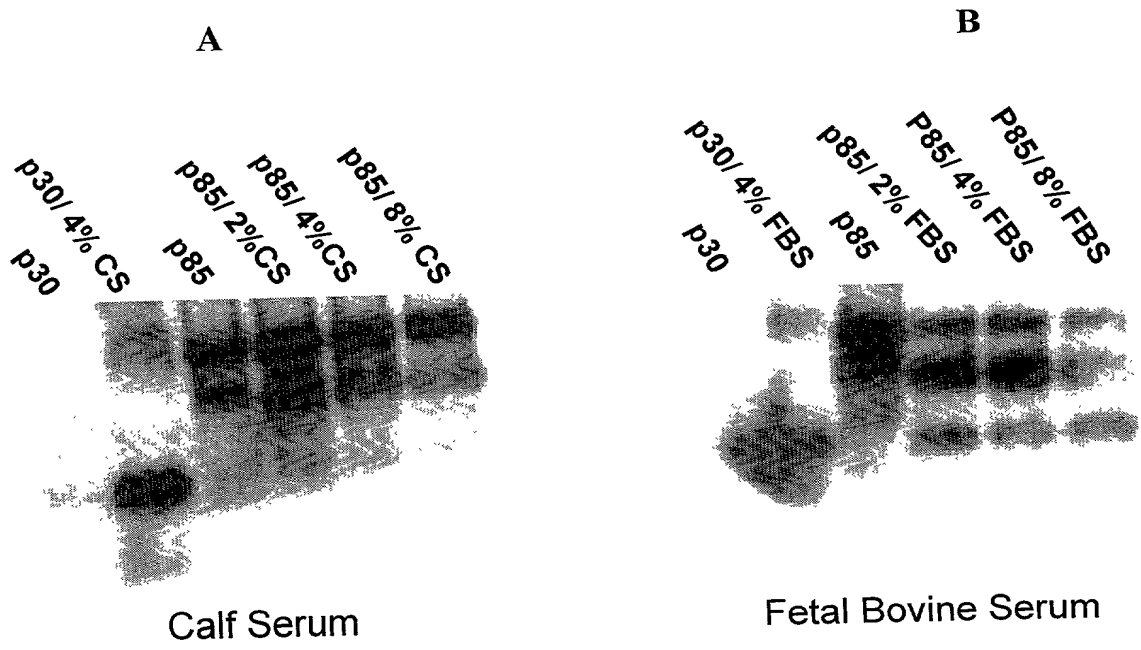


FIG. 16



Downloaded from www.jci.org on 06/11/11

FIG. 17

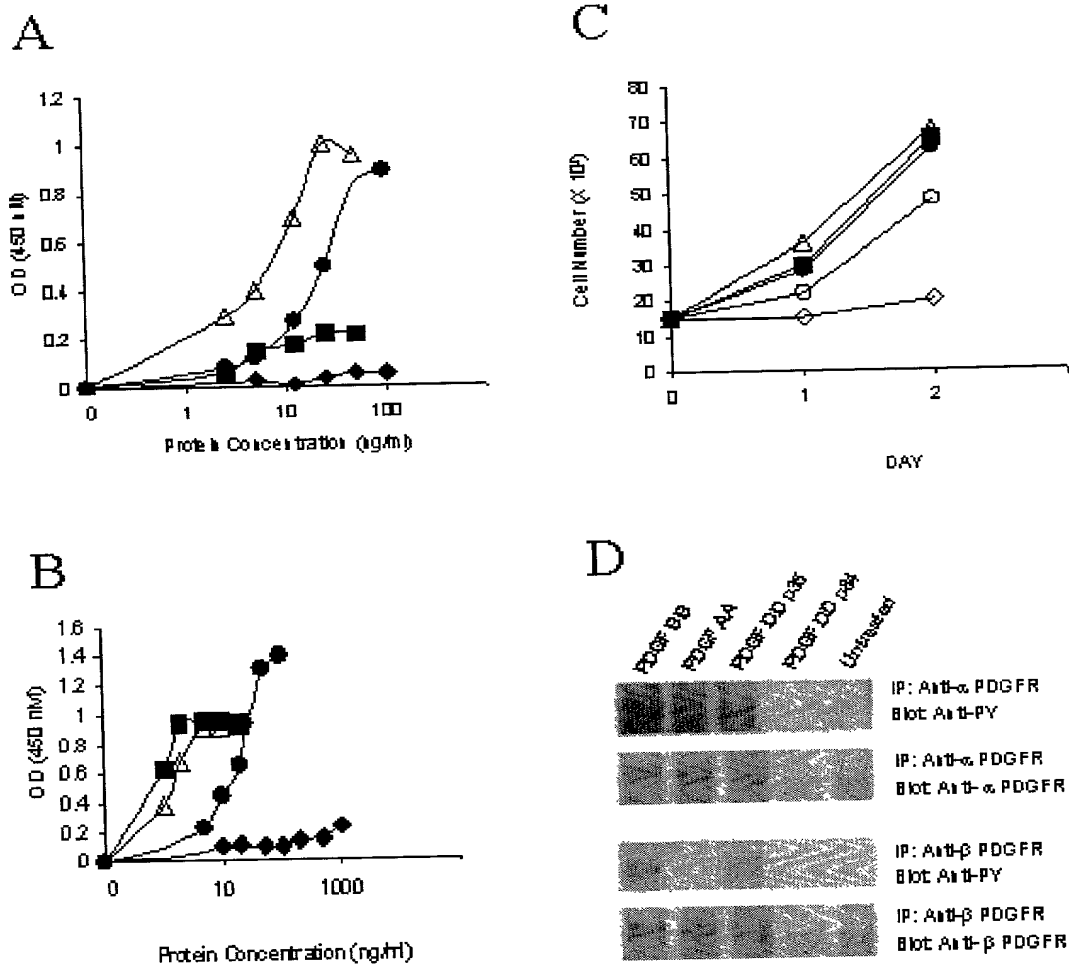
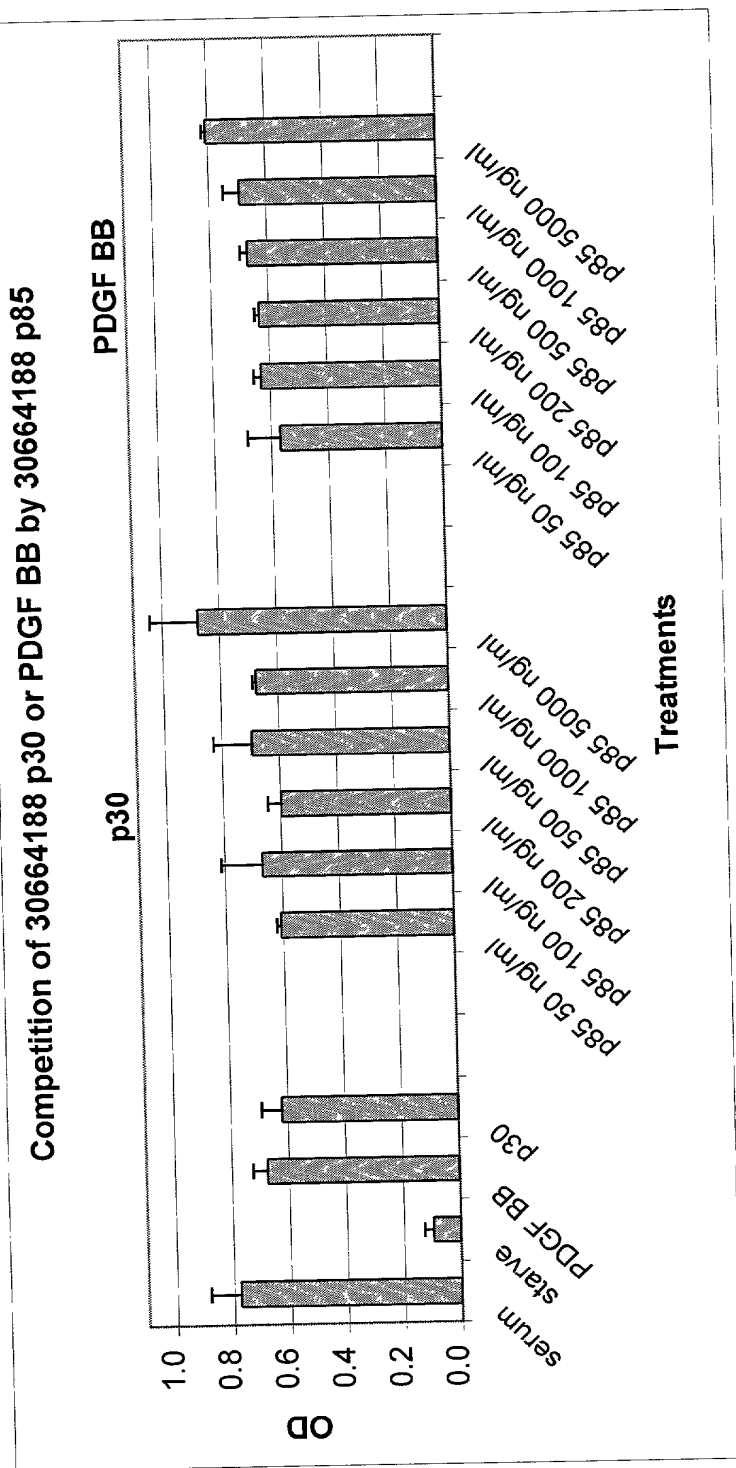


FIG. 18



A

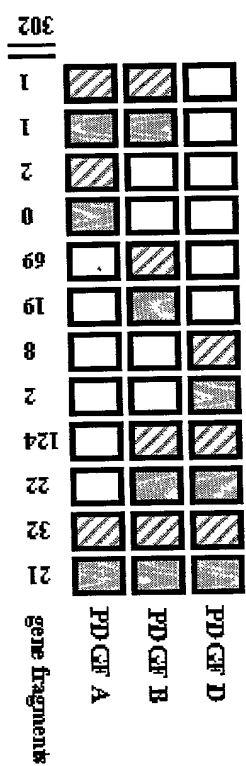


FIG. 19

FIG. 20

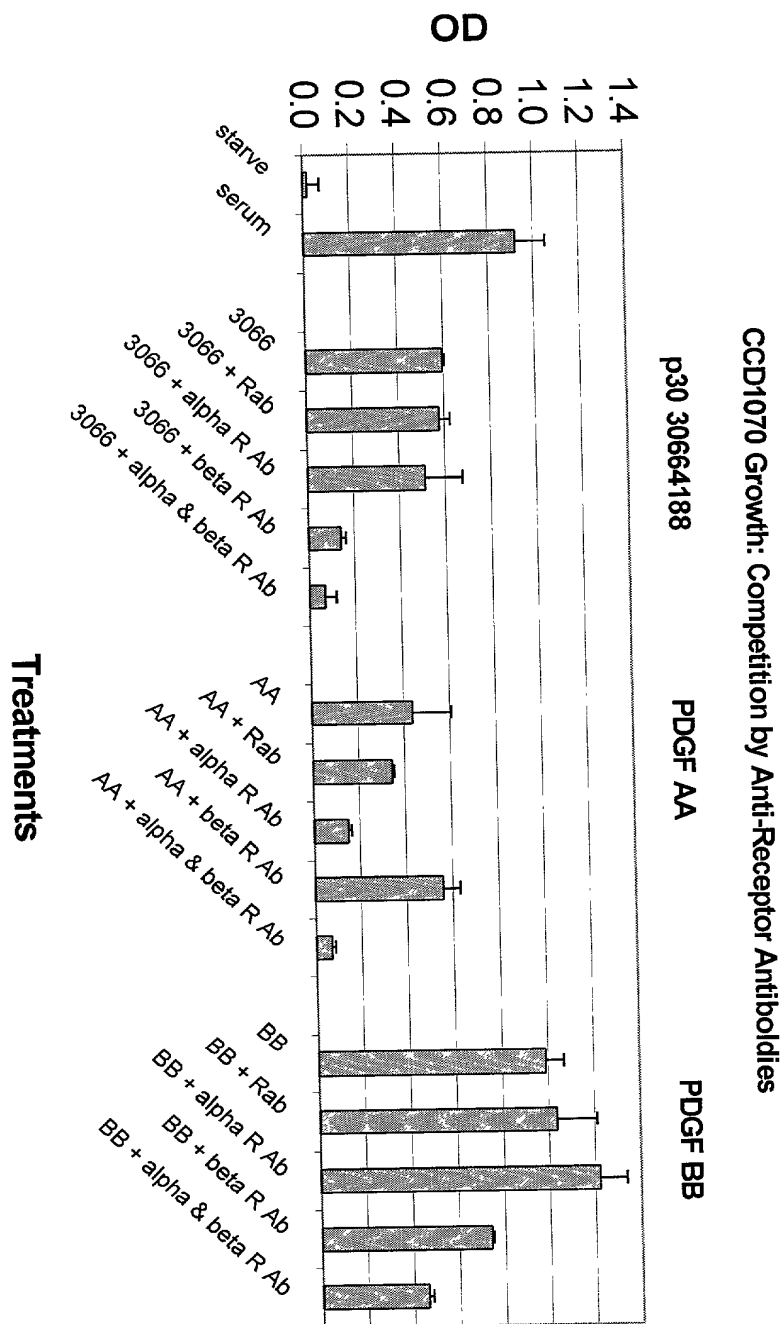


FIG. 21

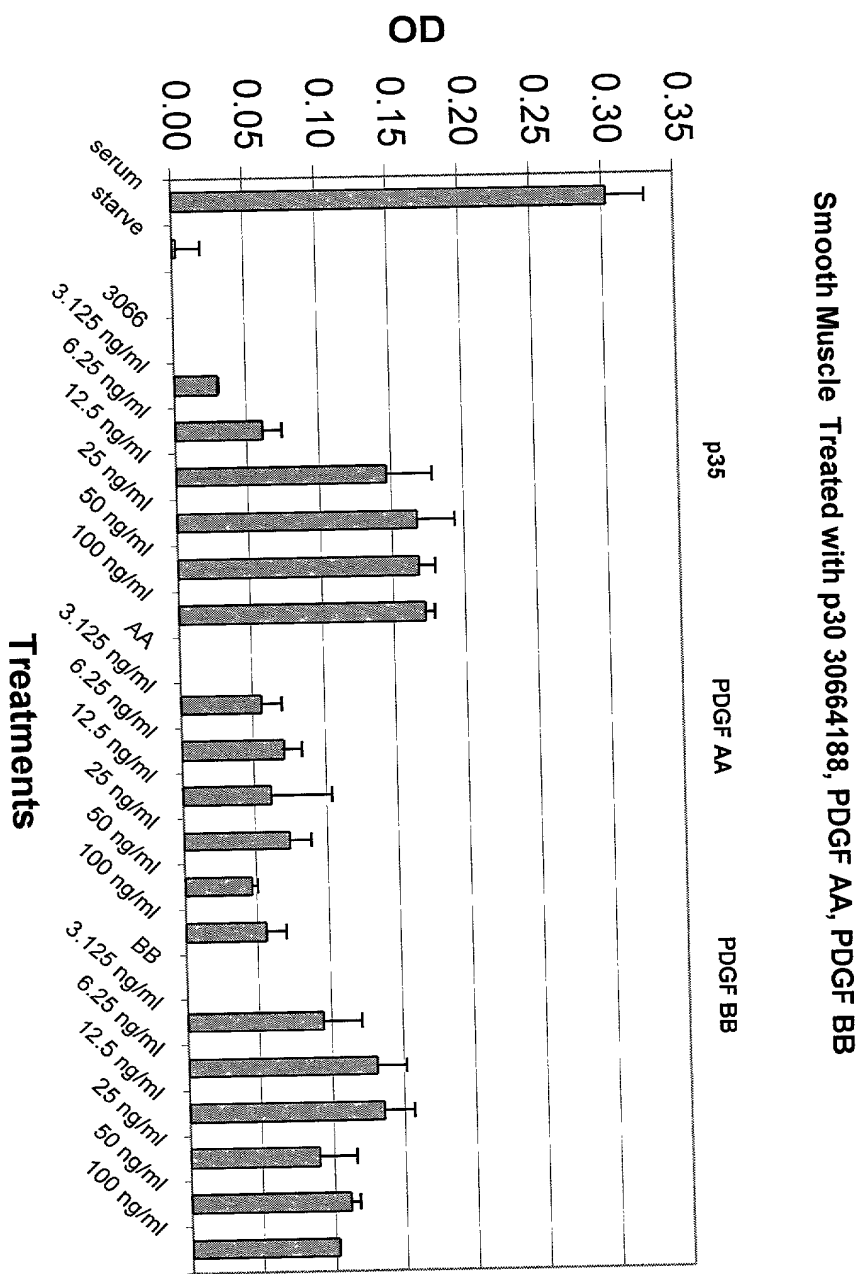


FIG. 22

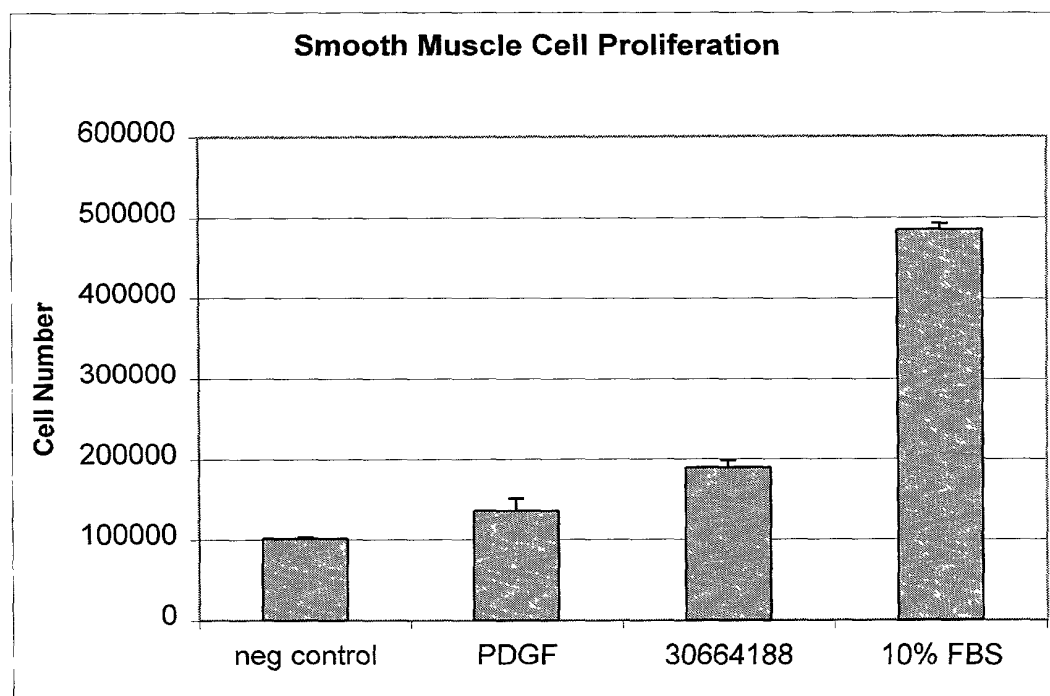


FIG. 23

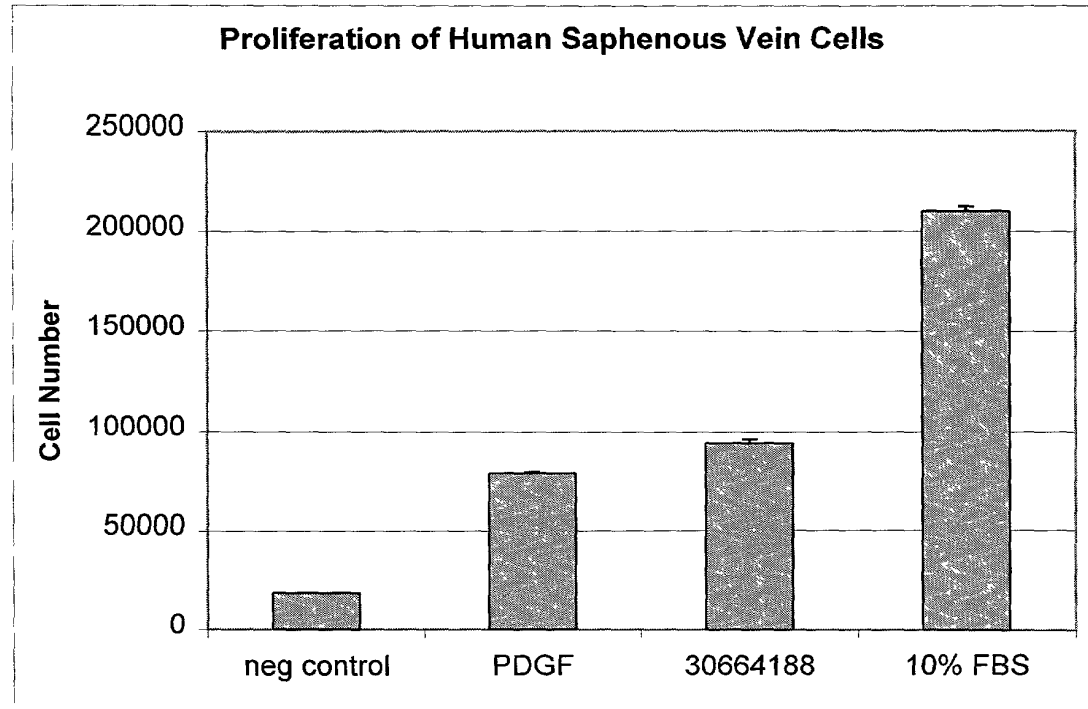


FIG. 24

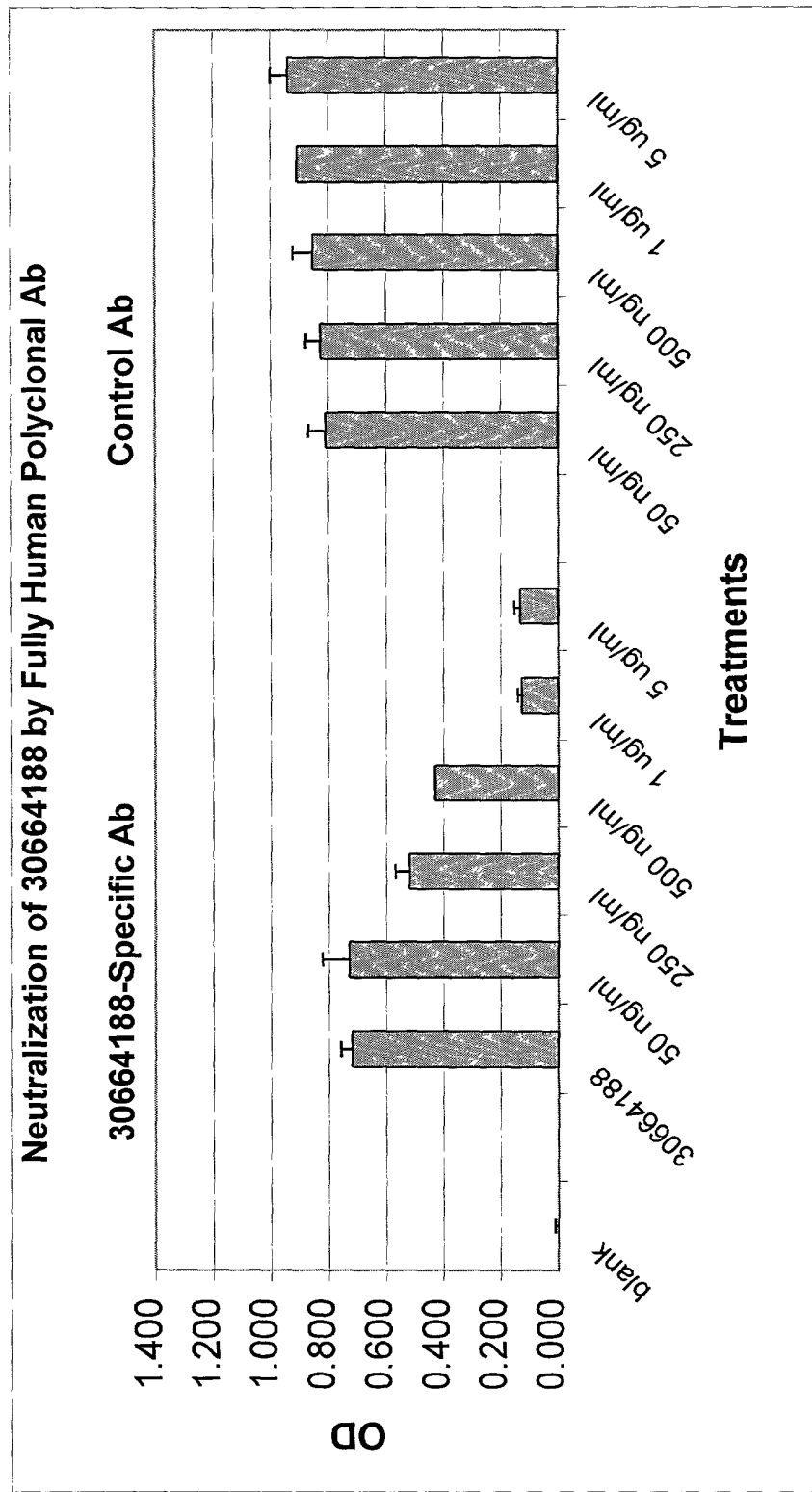


Fig. 25.

Panel A

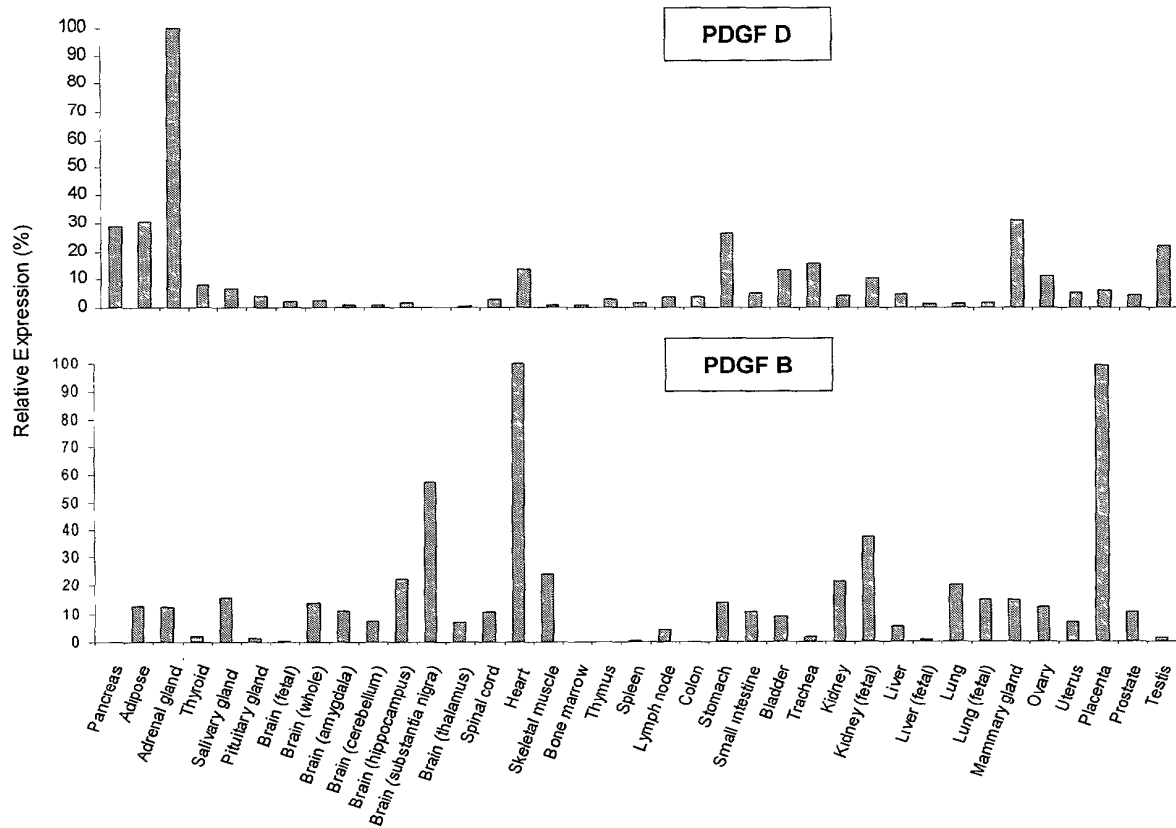


Fig. 25 (cont.)

Panel B

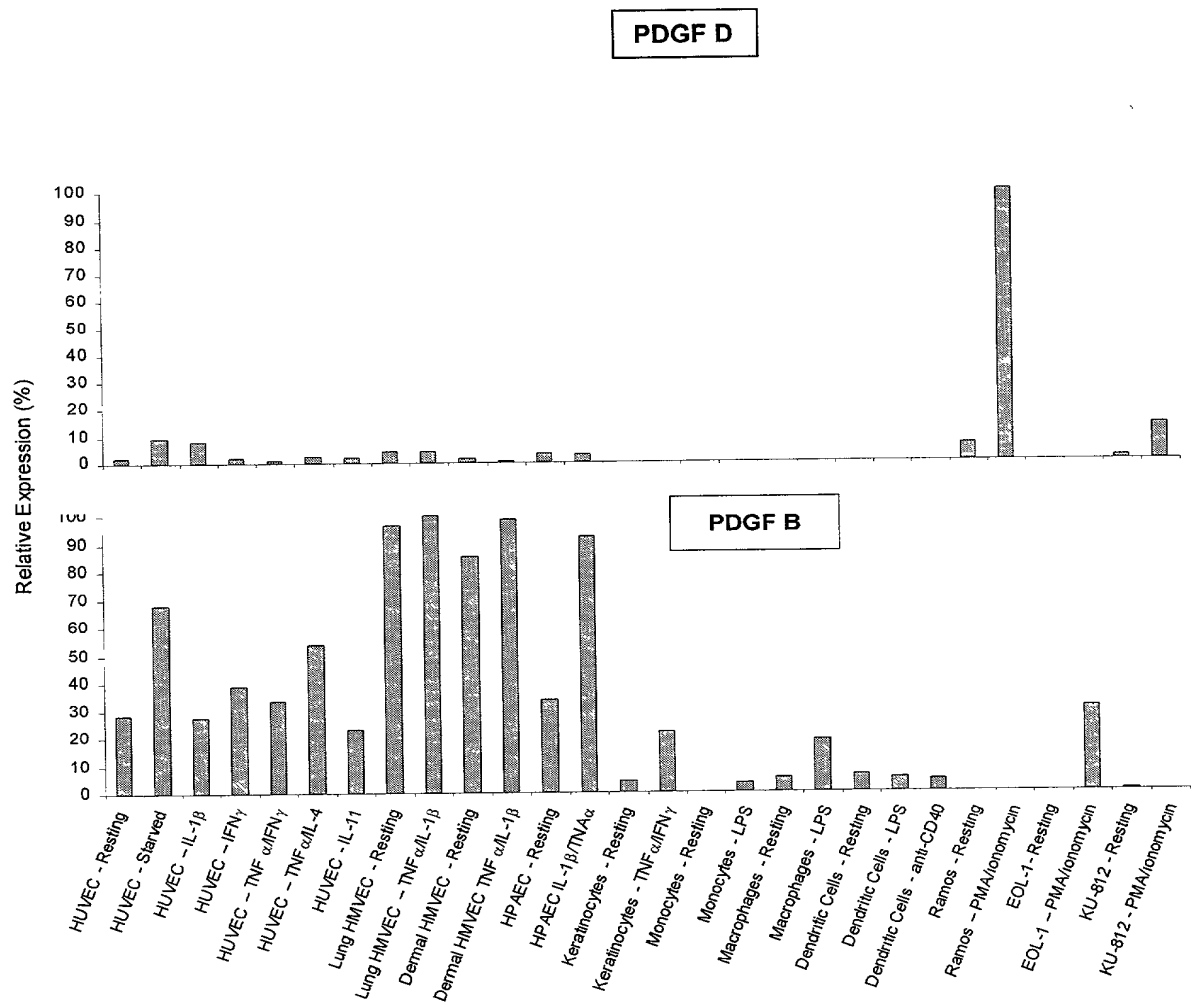


FIG. 26.

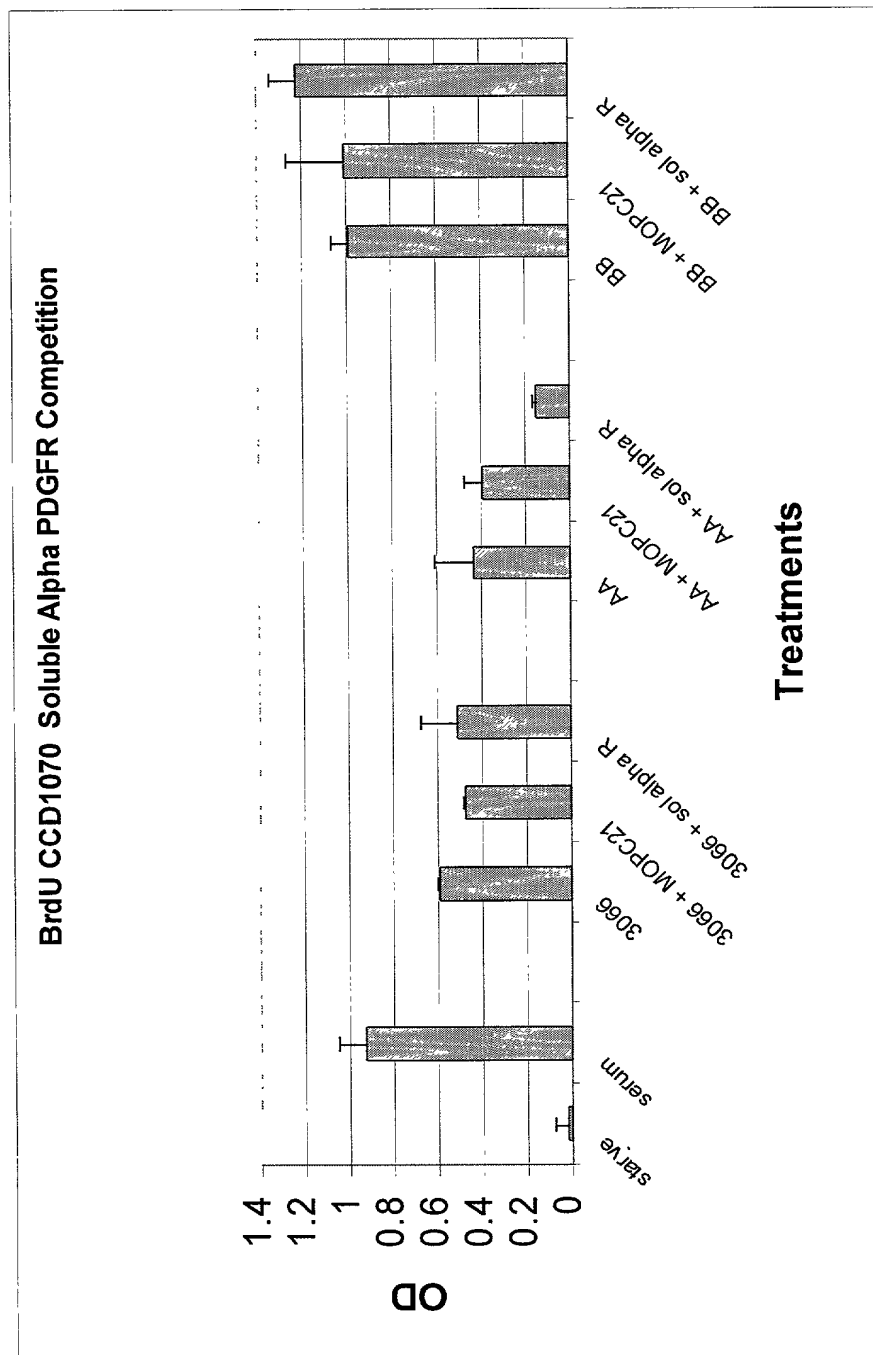


FIG. 27A

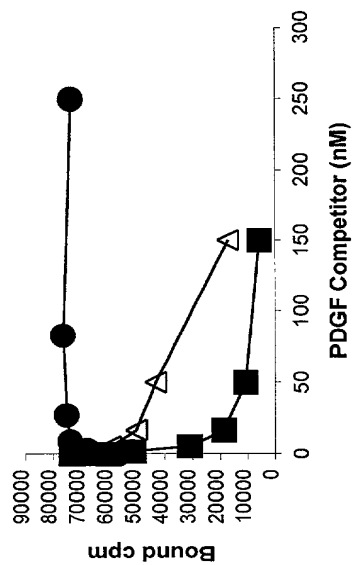


FIG. 27B

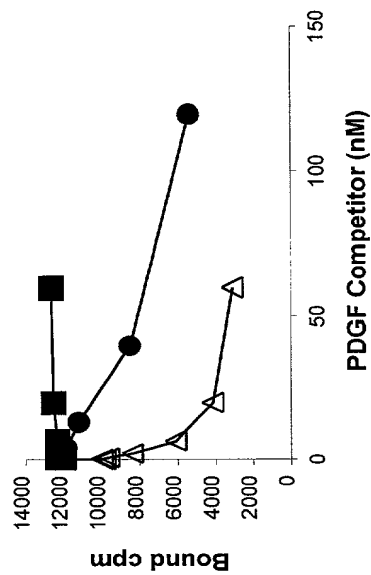


FIG. 28

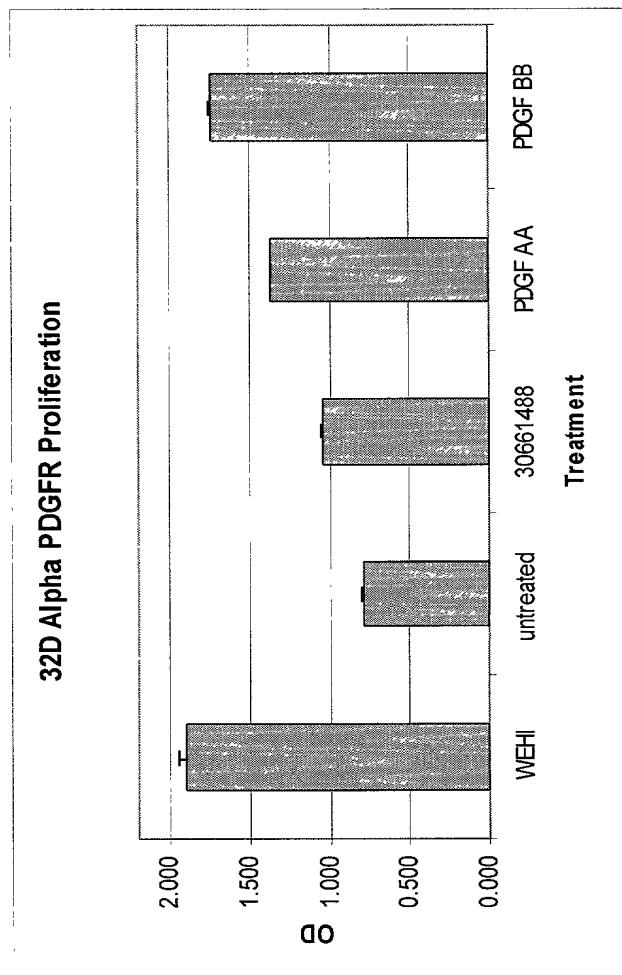


FIG. 29A

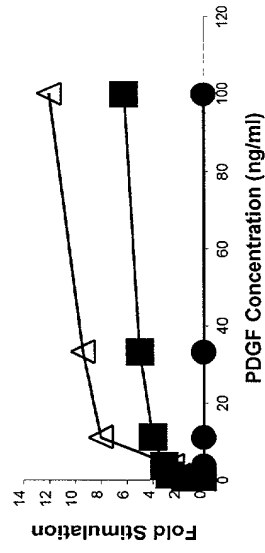


FIG. 29B

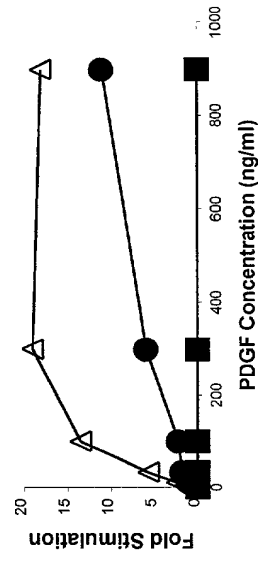


FIG. 29C

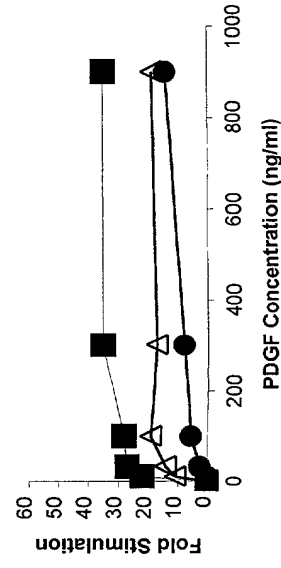


FIG. 29D

